



## CPD COURSE

# MAMMARY DISEASES IN SHEEP

Friday 29 – Saturday 30 March 2019

ECSRHM TRAINING CENTRE - UNIVERSITY OF THESSALY

Karditsa, Greece

Course accredited by the European College of Small Ruminant Health Management.

### PROGRAM

#### DAY 1: Friday 29 March 2019

09.00	Welcome, objectives of the course	V.S. Mavrogianni
09.15	The dairy sheep industry in Europe	A. Gelasakis
10.00	Mammary diseases: definitions, financial significance	G.C. Fthenakis
10.15	Bacterial mastitis: aetiology - clinical significance of the causal agents	V.S. Mavrogianni, G.C. Fthenakis, N.G.C. Vasileiou
11.15	Coffee break	
11.30	Predisposing factors for bacterial mastitis	G.C. Fthenakis
12.30	Significance of mastitis for sheep welfare	D.A. Gougoulis
13.00	Lunch	
14.00	Bacterial mastitis: pathogenesis, defence mechanisms	I.A. Fragkou, G.C. Fthenakis, A.I. Katsafadou
14.45	Somatic cell counts in ewes' milk	G.C. Fthenakis
15.30	Bacterial mastitis: diagnostics	V.S. Mavrogianni, D.C. Chatzopoulos, N.G.C. Vasileiou, M.S. Barbagianni
16.45	Coffee break	
17.00	Practical courses: animal, animal material, laboratory work	V.S. Mavrogianni
19.30	Differential diagnosis of mammary problems	G.C. Fthenakis

#### DAY 2: Saturday 30 March 2019

09.00	Milking machines, milking systems	V.S. Mavrogianni
10.00	Bacterial mastitis: treatment and control	G.C. Fthenakis
11.00	Coffee break	
11.15	Practical courses: farm visits	V.S. Mavrogianni
14.30	Lunch	
15.30	Contagious agalactia and other mycoplasmal diseases	N.D. Giadinis
16.30	Viral diseases	G. Valiakos, V.S. Mavrogianni
17.30	Coffee break	
17.45	Mammary surgery	V. Tsioli
18.45	Discussion of clinical cases	V.S. Mavrogianni, G.C. Fthenakis
19.30	Overall discussion	V.S. Mavrogianni
20.00	Closure	V.S. Mavrogianni

## LECTURERS

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M.S. Barbagianni, <i>DVM, PhD</i>	Adjunct lecturer, Veterinary Faculty, University of Thessaly & Adjunct lecturer, Faculty of Agriculture, University of Ioannina
D.C. Chatzopoulos, <i>DVM</i>	Research assistant, Veterinary Faculty, University of Thessaly
I.A. Fragkou, <i>DVM, PhD, DipECSRHM</i>	Head, Disease Surveillance Unit, Ministry of Agricultural Development and Food
G.C. Fthenakis, <i>DVM, MSc, PhD, DipECAR, DipECSRHM</i>	Professor and Dean, Veterinary Faculty, University of Thessaly
A. Gelasakis, <i>DVM, MSc, PhD, DipECSRHM</i>	Assistant professor, Faculty of Agriculture, Agricultural University of Athens
N.D. Giadinis, <i>DVM, PhD, DipECSRHM</i>	Associate professor, Faculty of Veterinary Medicine, Aristotle University of Thessaloniki
D.A. Gougoulis, <i>DVM, MSc, PhD</i>	Adjunct lecturer, Veterinary Faculty, University of Thessaly & Head, Larissa Veterinary Clinic
A.I. Katsafadou, <i>DVM, MSc, PhD</i>	Post-doctoral collaborator, Veterinary Faculty, University of Thessaly
V.S. Mavrogianni, <i>DVM, PhD, DipECSRHM</i>	Director of ECSRHM training centre - Assistant professor, Veterinary Faculty, University of Thessaly
V. Tsioli, <i>DVM, PhD</i>	Associate professor, Veterinary Faculty, University of Thessaly
G. Valiakos, <i>DVM, PhD</i>	Assistant professor, Veterinary Faculty, University of Thessaly
N.G.C. Vasileiou, <i>DVM</i>	Research assistant & ECSRHM resident, Veterinary Faculty, University of Thessaly

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## GENERAL INFORMATION

- The course will be held at an advanced level. It is open to ECSRHM residents, who have priority for attendance, and to veterinarians with some experience in working with small ruminants (at least 2 years' work).

### Registration

- For registration, a message should be sent to the following e-mail addresses: [vmavrog@vet.uth.gr](mailto:vmavrog@vet.uth.gr) (Dr V.S. Mavrogianni, course organiser) and [dlianou@vet.uth.gr](mailto:dlianou@vet.uth.gr) (Ms D. Lianou).
- For registration: (a) ECSRHM residents should mention surname, training centre and supervisor - (b) non-ECSRHM residents should mention surname and professional background in brief.
- After acceptance of registration, payment of appropriate sum should be carried out as below and proof of payment of the relevant sum (bank transfer slip) should be sent as above.
- **Cost for ECSRHM residents is 60 €.**
- **Registration fee for non-ECSRHM residents is 360 €.**
- Above amounts include biosecurity material, transfer to/from sheep farms and food during the course (coffee and lunch, but not dinner) and should be paid to the following bank account:

Bank:	Alpha Bank
Bank address:	Iasonos 60, Volos, Greece
Account no.:	310-00-2002-020898
IBAN:	GR9301403100310002002020898
Swift code:	CRBAGRAAXX
Beneficiary:	University of Thessaly, Eidikos Logariasmos Kondylion Erevnas
Beneficiary's reference:	5907

- No refunds are possible.

### Venue

- The course will take place at the Department of Obstetrics and Reproduction of the Veterinary Faculty of the University of Thessaly. The Faculty is located in the town of Karditsa, in Central Greece, 310 km from Athens or 210 km from Thessaloniki.
- Lectures will take place at the Veterinary Faculty. Practical courses will be held in the Faculty and in dairy sheep farms in the area. Transport will be provided for the visits.

## Travel to Karditsa

- The most conveniently located airports are in Athens and Thessaloniki.
- From Athens airport, one can take Airport Express bus no. X93 (45 min., 7 €) or a taxi (30 min., 35 €) to KTEL station Liosion bus stop; thence, buses to Karditsa depart at 07.30, 10.30 13.30, 15.30, 18.00, 21.00 (4.5 h., 30 €) daily.
- From Thessaloniki airport, one can take a taxi (30 min, 25 €) to Thessaloniki KTEL station; thence, buses to Karditsa depart at 10.00, 15.00, 19.00 (3.5 h., 25 €) daily.
- Taxis are available at the Karditsa bus station for transfer to hotel (5 min., 7 €).

## Accommodation in Karditsa

- Following hotels provide accommodation in Karditsa town centre: Astron, Arni, Avra, Kierion. Early booking, directly with the hotel, should be arranged.
- Transfer from hotel to the Faculty can be made by taxi (7 min.; 7 €).

## Course program

- Small scale changes may be made in the program, according to availability of lecturers. Final program will be published by end of February 2019.
- Biosecurity material (gloves, single use plastic boots, single use overalls) during work with animals and farm visits will be provided.
- Certificates of attendance will be provided to delegates at the end of the course.

## Catering

- Food (coffee, lunch) will be provided.
- Advice regarding possible food allergies in advance is necessary.